

**WEST**

Generate Collection

L6: Entry 6 of 17

File: USPT

Jul 11, 2000

DOCUMENT-IDENTIFIER: US 6086229 A

TITLE: Vehicle exterior mirror system with signal light assembly

INNM:

Pastrick; Todd W.

INZZ:

Pastrick; Todd W.

DEPR:

Enclosure 116 is made from a heat-resistant material and is substantially moisture impervious. Preferably, a polymer material is used which has a heat distortion temperature (as measured by ASTM D 648 for a 12.7.times.12.7.times.6.4 mm specimen and at 1820 kPa) of at least approximately 80.degree. C., more preferably at least approximately 100.degree. C., and most preferably at least approximately 120.degree. C. A mineral-filled or glass-filled nylon or polyester or acrylonitrile butadiene styrene (ABS) polymer may be utilized for enclosure 116. In the illustrated embodiment, enclosure 116 is made from polycarbonate with cover members 130 and 160 made from a polycarbonate or acrylic. The components of enclosure 116 may be assembled by conventional sonic welding, vibration welding, or by the use of suitable adhesives. Enclosure 116 is opaque, except for cover members 130 and 160, in order to shade light. The light module fits within the cavity defined within housing 34' by openings 108 and 110 in a manner which conforms to the styling and aerodynamic lines of the housing.

CIOR:

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CCOR:

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CIFS:

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URNM:

Pastrick et al.

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Pastrick et al.

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Pastrick et al.

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ORPL:

Commonly assigned pending U.S. application entitled "Universal Exterior Vehicle Security Light," U.S. application No. 09/174,757, filed Oct. 19, 1998, by Todd W. Pastrick et al.

ORPL:

Commonly assigned pending U.S. application entitled Exterior Vehicle Security Light, U.S. application No. 08/933,375, filed Sep. 19, 1997, by Todd W. Pastrick.

ORPL:

Commonly assigned pending U.S. application entitled "A Security Lighted Vehicular Exterior Rearview Mirror System," U.S. application No. 09/232,316, filed on Jan. 18, 1999, by Todd W. Pastrick et al.

ORPL:

Commonly assigned pending U.S. application entitled "Vehicle Exterior Mirror System With Signal Light," U.S. application No. 09/102,414, filed on Jun. 22, 1998, by Todd W. Pastrick et al.

**WEST**

Generate Collection

L6: Entry 10 of 17

File: USPT

Mar 9, 1999

DOCUMENT-IDENTIFIER: US 5879074 A  
TITLE: Exterior vehicle security light

INNM:  
Pastrick; Todd W.

INZZ:  
Pastrick; Todd W.

DEPR:  
Enclosure 116 is made from a heat-resistant material and is substantially moisture impervious. Preferably, a polymer material is used which has a heat distortion temperature (as measured by ASTM D 648 for a 12.7.times.12.7.times.6.4 mm specimen and at 1820 kPa) of at least approximately 80.degree. C., more preferably at least approximately 100.degree. C., and most preferably at least approximately 120.degree. C. A mineral-filled or glass-filled nylon or polyester or acrylonitrile butadiene styrene (ABS) polymer may be utilized for enclosure 116. In the illustrated embodiment, enclosure 116 is made from polycarbonate with cover members 130 and 160 made from a polycarbonate or acrylic. The components of enclosure 116 may be assembled by conventional sonic welding, vibration welding, or by the use of suitable adhesives. Enclosure 116 is opaque, except for cover members 130 and 160, in order to shade light. The light module fits within the cavity defined within housing 34' by openings 108 and 110 in a manner which conforms to the styling and aerodynamic lines of the housing.

CIOR:  
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CCOR:  
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CIFS:  
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URNM:  
Pastrick et al.

URNM:  
Pastrick

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L6: Entry 11 of 17

File: USPT

Jan 26, 1999

DOCUMENT-IDENTIFIER: US 5863116 A

TITLE: Remote-actuated exterior vehicle security light

INNM:

Pastrick; Todd W.

INZZ:

Pastrick; Todd W.

CLPV:

an exterior mirror assembly adapted for mounting to a side of a first vehicle and including a reflective element and an opaque housing for said reflective element, said housing having an outward side, an inward side, a top side and a bottom side, wherein said bottom side is closer to the road surface than said top side, and said outward side is further from said first vehicle than said inward side when said assembly is mounted to said side of said first vehicle, and means for movably mounting said reflective element relative to said housing to face in a direction rearwardly of said first vehicle;

CLPV:

an exterior mirror assembly adapted for mounting to a side of a first vehicle and including a reflectance element and an opaque housing for said reflectance element, said housing having an outward side, an inward side, a top side and a bottom side, wherein said bottom side is closer to the road surface than said top side, and said outward side is further from said first vehicle than said inward side when said assembly is mounted to said side of said first vehicle, said reflectance element being mounted on an actuator, said actuator providing remote positioning of said reflectance element;

CIOR:

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CCOR:

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CIFS:

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URNM:

Pastrick et al.

**WEST**

Generate Collection

L6: Entry 12 of 17

File: USPT

Oct 20, 1998

DOCUMENT-IDENTIFIER: US 5823654 A

TITLE: Universal exterior vehicle security light

INNM:

Pastrick; Todd W.

INZZ:

Pastrick; Todd W.

DEPR:

Enclosure 116 is made from a heat-resistant material and is substantially moisture impervious. Preferably, a polymer material is used which has a heat distortion temperature (as measured by ASTM D 648 for a 12.7.times.12.7.times.6.4 mm specimen and at 1820 kPa) of at least approximately 80.degree. C., more preferably at least approximately 100.degree. C., and most preferably at least approximately 120.degree. C. A mineral-filled or glass-filled nylon or polyester or acrylonitrile butadiene styrene (ABS) polymer may be utilized for enclosure 116. In the illustrated embodiment, enclosure 116 is made from polycarbonate with cover members 130 and 160 made from a polycarbonate or acrylic. The components of enclosure 116 may be assembled by conventional sonic welding, vibration welding, or by the use of suitable adhesives. Enclosure 116 is opaque, except for cover members 130 and 160, in order to shade light. The light module fits within the cavity defined within housing 34' by openings 108 and 110 in a manner which conforms to the styling and aerodynamic lines of the housing.

DEPR:

Housing 202 is made from a heat-resistant material and is substantially moisture impervious. Preferably, a polymer material is used which has a heat distortion temperature (as measured by ASTM D 648 for a 12.7.times.12.7.times.6.4 mm specimen and at 1820 kPa) of at least approximately 80.degree. C., more preferably at least approximately 100.degree. C., and most preferably at least approximately 120.degree. C. A mineral-filled or glass-filled nylon or polyester or acrylonitrile butadiene styrene (ABS) polymer may be utilized for housing 202. In the illustrated embodiment, housing 202 is made from nylon and is preferably opaque in order to shade light. Module 200 is preferably mounted in an opening provided in the exterior mirror housing in a snap fit arrangement so that it can be quickly and easily removed from the mirror assembly. Alternatively, housing 202 may include a retaining structure, which cooperates with a groove or other retaining structure provided in the exterior mirror assembly. Preferably, the mounting is a fastener-less mounting arrangement to ease installation. Moreover, module 200 may be mounted in the exterior mirror housing in accordance with the mounting details described in reference to the previous embodiments of the invention.

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URNM:

Pastrick et al.

URNM:

Pastrick

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L6: Entry 15 of 17

File: USPT

Sep 23, 1997

DOCUMENT-IDENTIFIER: US 5669704 A  
TITLE: Exterior vehicle security light

INNM:

Pastrick; Todd W.

INZZ:

Pastrick; Todd W.

DEPR:

Enclosure 116 is made from a heat-resistant material and is substantially moisture impervious. Preferably, a polymer material is used which has a heat distortion temperature (as measured by ASTM D 648 for a 12.7.times.12.7.times.6.4 mm specimen and at 1820 kPa) of at least approximately 80.degree. C., more preferably at least approximately 100.degree. C., and most preferably at least approximately 120.degree. C. A mineral-filled or glass-filled nylon or polyester or acrylonitrile butadiene styrene (ABS) polymer may be utilized for enclosure 116. In the illustrated embodiment, enclosure 116 is made from polycarbonate with cover members 130 and 160 made from a polycarbonate or acrylic. The components of enclosure 116 may be assembled by conventional sonic welding, vibration welding, or by the use of suitable adhesives. Enclosure 116 is opaque, except for cover members 130 and 160, in order to shade light. The light module fits within the cavity defined within housing 34' by openings 108 and 110 in a manner which conforms to the styling and aerodynamic lines of the housing.

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URNM:

Pastrick et al.

URNM:

Pastrick

**WEST****End of Result Set**

Generate Collection

L6: Entry 17 of 17

File: USPT

Mar 5, 1996

DOCUMENT-IDENTIFIER: US 5497306 A  
TITLE: Exterior vehicle security light

## INNM:

Pastrick; Todd W.

## INZZ:

Pastrick; Todd W.

## DEPR:

Enclosure 116 is made from a heat-resistant material and is substantially moisture impervious. Preferably, a polymer material is used which has a heat distortion temperature (as measured by ASTM D 648 for a 12.7.times.12.7.times.6.4 mm specimen and at 1820 kPa) of at least approximately 80.degree. C., more preferably at least approximately 100.degree. C., and most preferably at least approximately 120.degree. C. A mineral-filled or glass-filled nylon or polyester or acrylonitrile butadiene styrene (ABS) polymer may be utilized for enclosure 116. In the illustrated embodiment, enclosure 116 is made from polycarbonate with cover members 130 and 160 made from a polycarbonate or acrylic. The components of enclosure 116 may be assembled by conventional sonic welding, vibration welding, or by the use of suitable adhesives. Enclosure 116 is opaque, except for cover members 130 and 160, in order to shade light. The light module fits within the cavity defined within housing 34' by openings 108 and 110 in a manner which conforms to the styling and aerodynamic lines of the housing.

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## URNM:

Pastrick et al.